

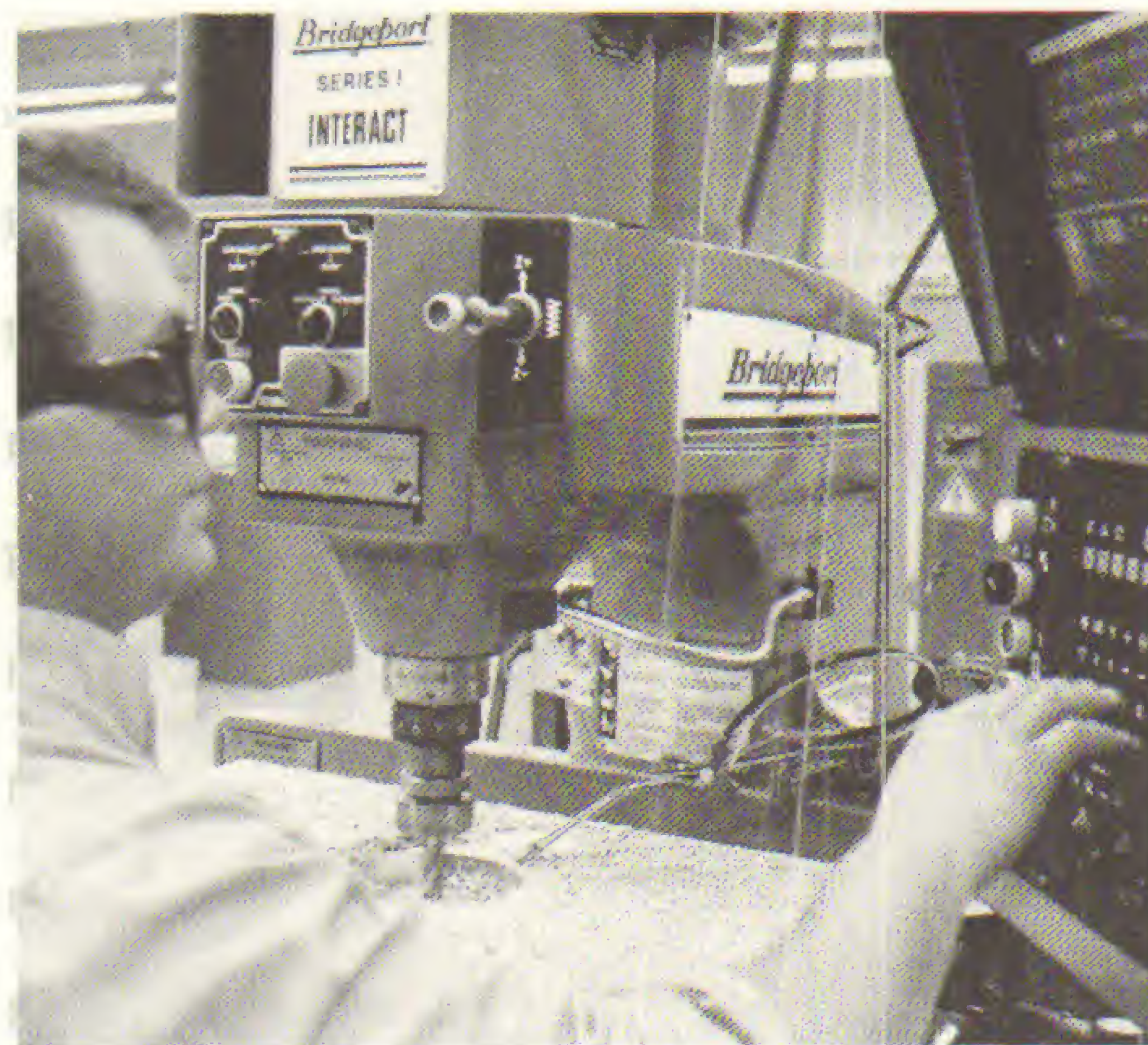
MACHINE TECHNOLOGY



COMPUTER-AIDED MANUFACTURING
SHELTON STATE COMMUNITY COLLEGE



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CAREERS IN MACHINE TECHNOLOGY

We live in a highly technical industrial society, and Machine Technology, the precise manufacturing of machinery parts, is central to our lives. Machine Technology affects the lives of individuals in countless ways and is a primary driving force in establishing the United States as an industrial giant. Continuous development of sophisticated machinery lined with computer technology has allowed us to design and build safer cars and better homes, to defend our country, to defeat disease, and to walk on the moon.

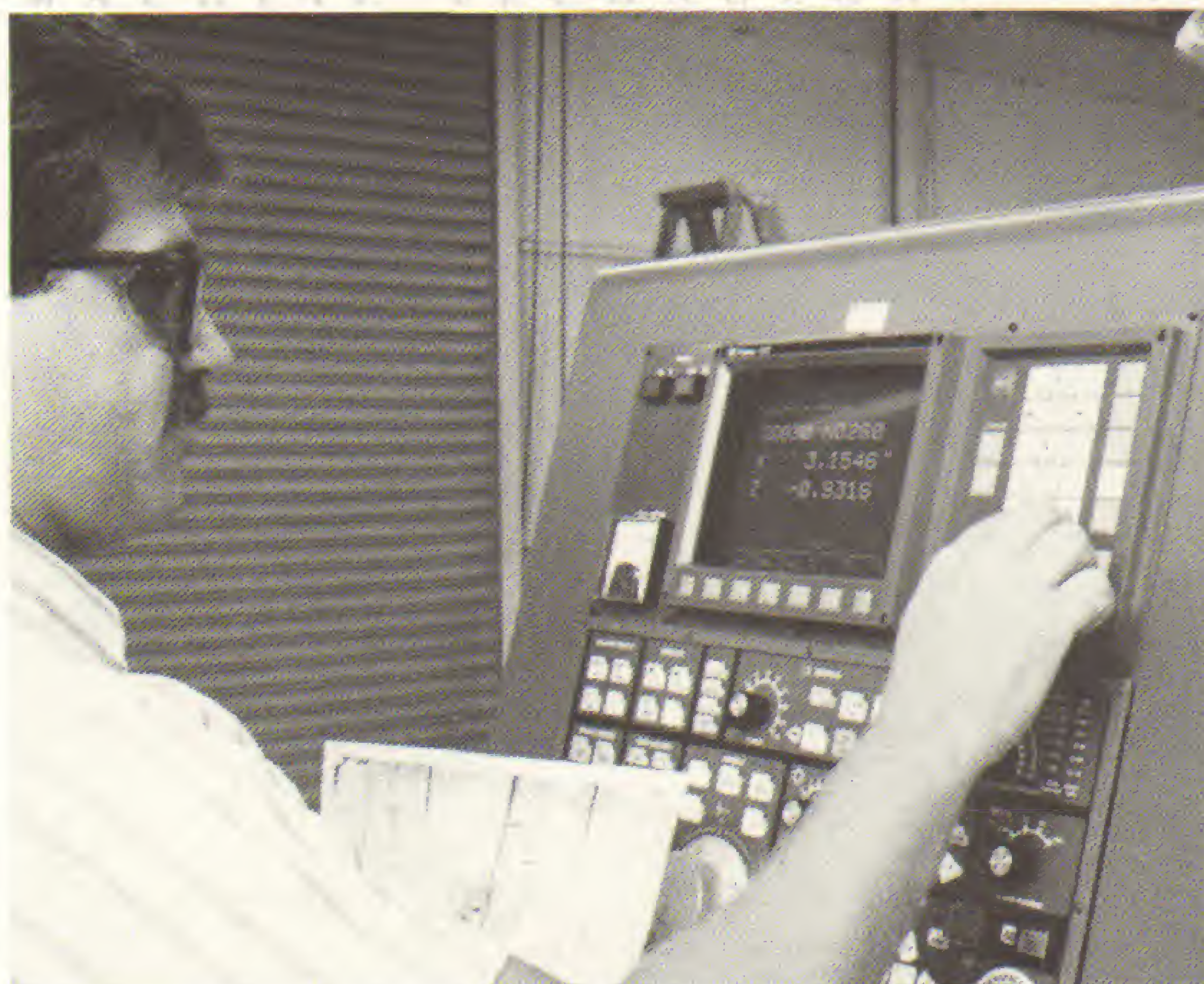
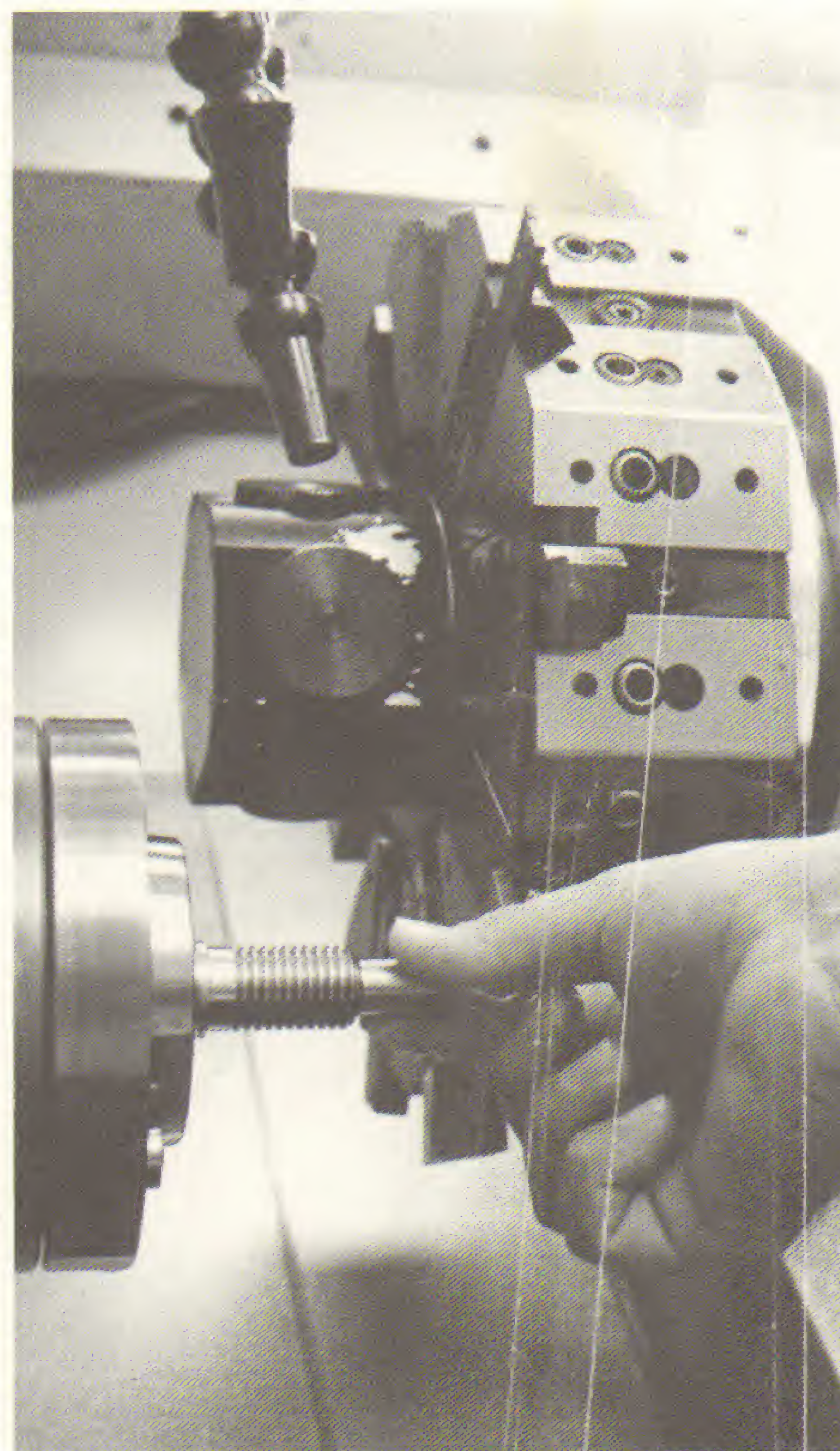
American manufacturers must compete in the international marketplace. To be successful in that world arena, we must maintain the highest standards for our parts and products. We must be able to machine from a single block of material what once was bolted, riveted, or welded. Because of the precision this allows, thousands of identical parts are produced and are easily inter-changeable in assembling or repairing final products.

Modern industry—and its Machine Technology—requires a highly skilled, imaginative, and competitive work force, one that can aggressively meet the ever-increasing demand for high quality products. Shelton State Community College understands this new approach to manufacturing. Shelton State long has been recognized as providing the ultimate in training for machinists, tool and die makers and computerized numerical control programmers. Through knowledge of both conventional and computer controlled machine tools, students learn thoroughly how to machine parts to the most precise measurements.

Shelton's Machine Technology program trains students to read blueprints, to determine sequence of operations, to make their own set-ups, to choose the correct machine for the job and to produce a quality product efficiently.



NUMERICAL CONTROL





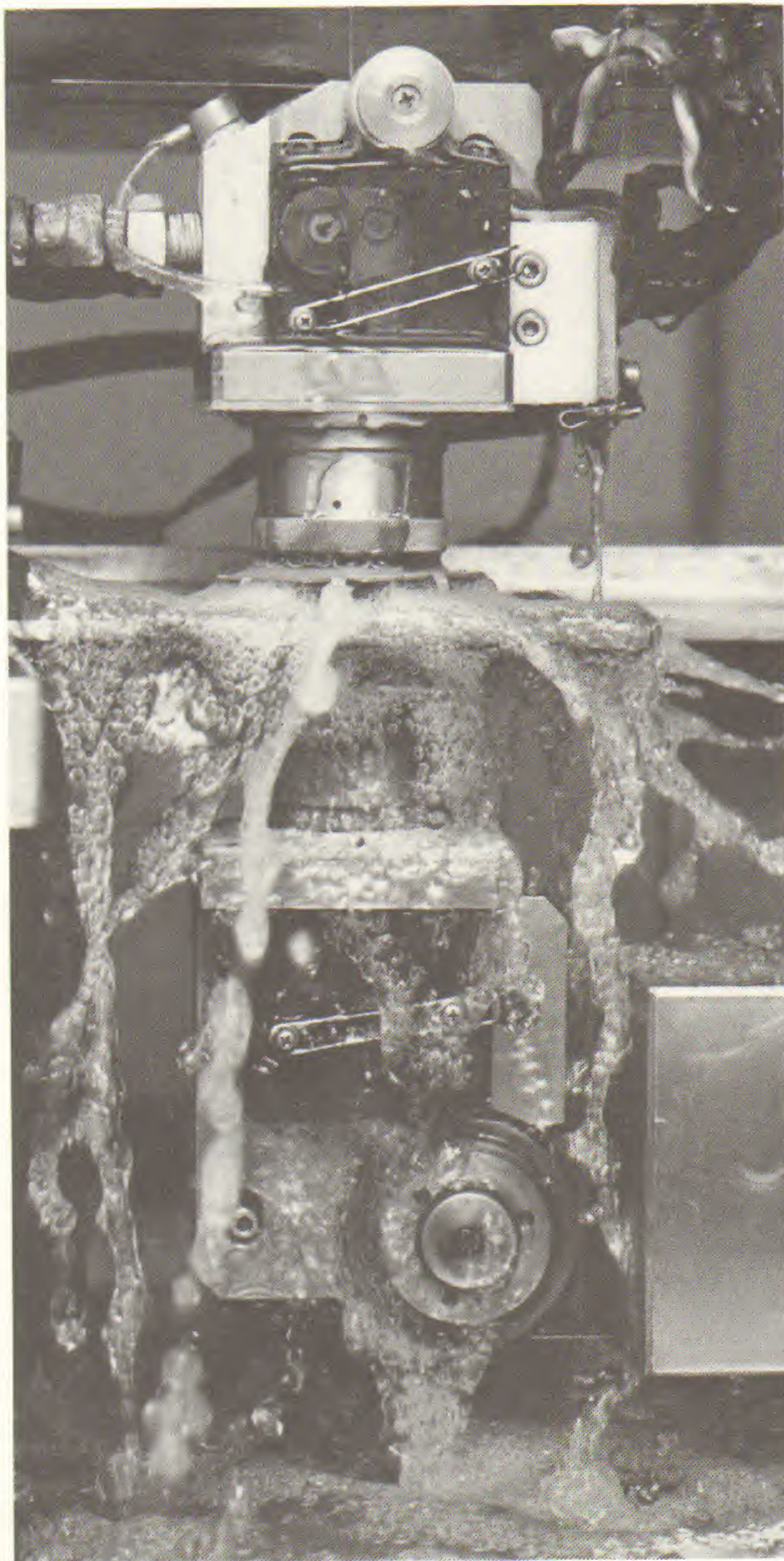
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WOMEN IN MACHINE TECHNOLOGY

By the year 2000, over one half of the workers entering the American work force will be women. In order for these women to move successfully into the labor market, they must be trained in the most modern techniques of industrial production.

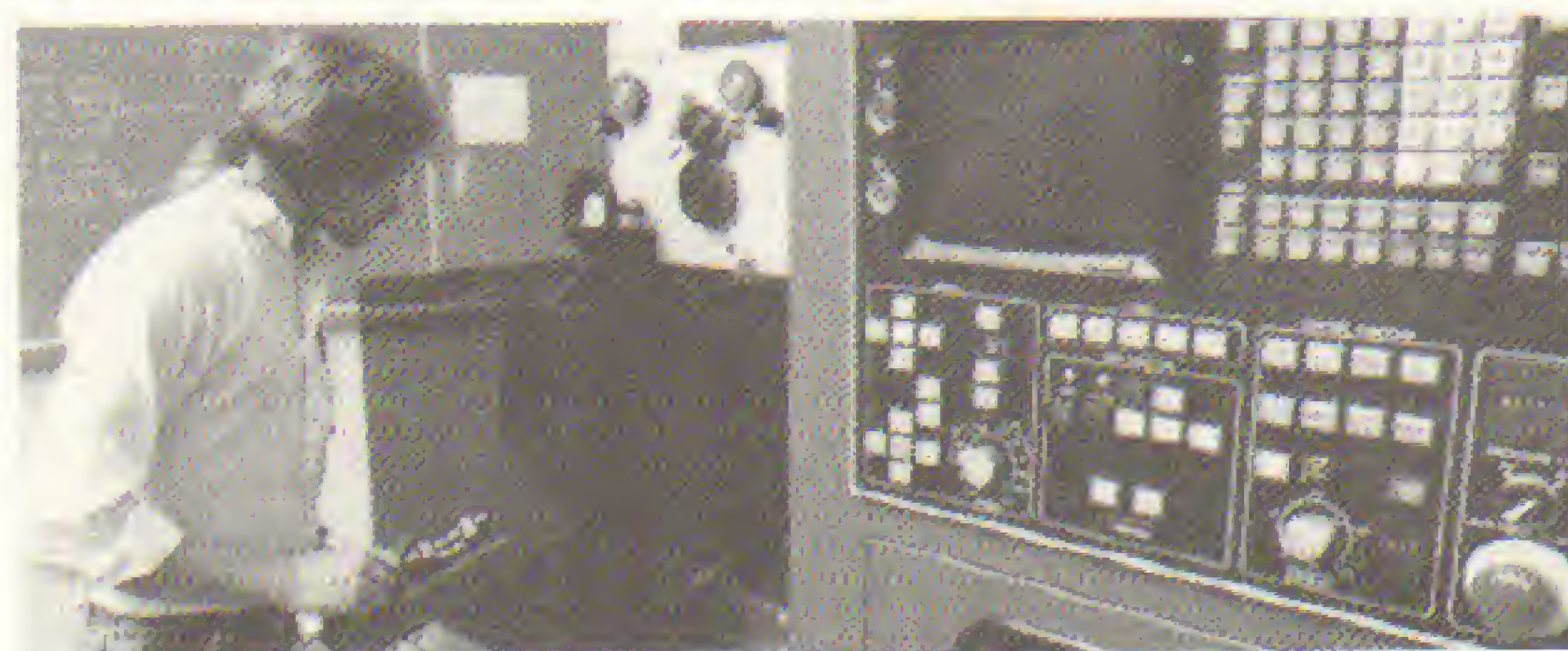
Shelton State has recognized this need and offers women a tremendous opportunity to receive training and skills needed for a career in Machine Technology. A special program designed to bring women into Machine Technology is now available through the college.

After a thorough orientation to Machine Technology, female students accepted into the program will move quickly along a unique career track into computer operations and quality control, areas especially attractive to women and ones providing them the best employment opportunities.

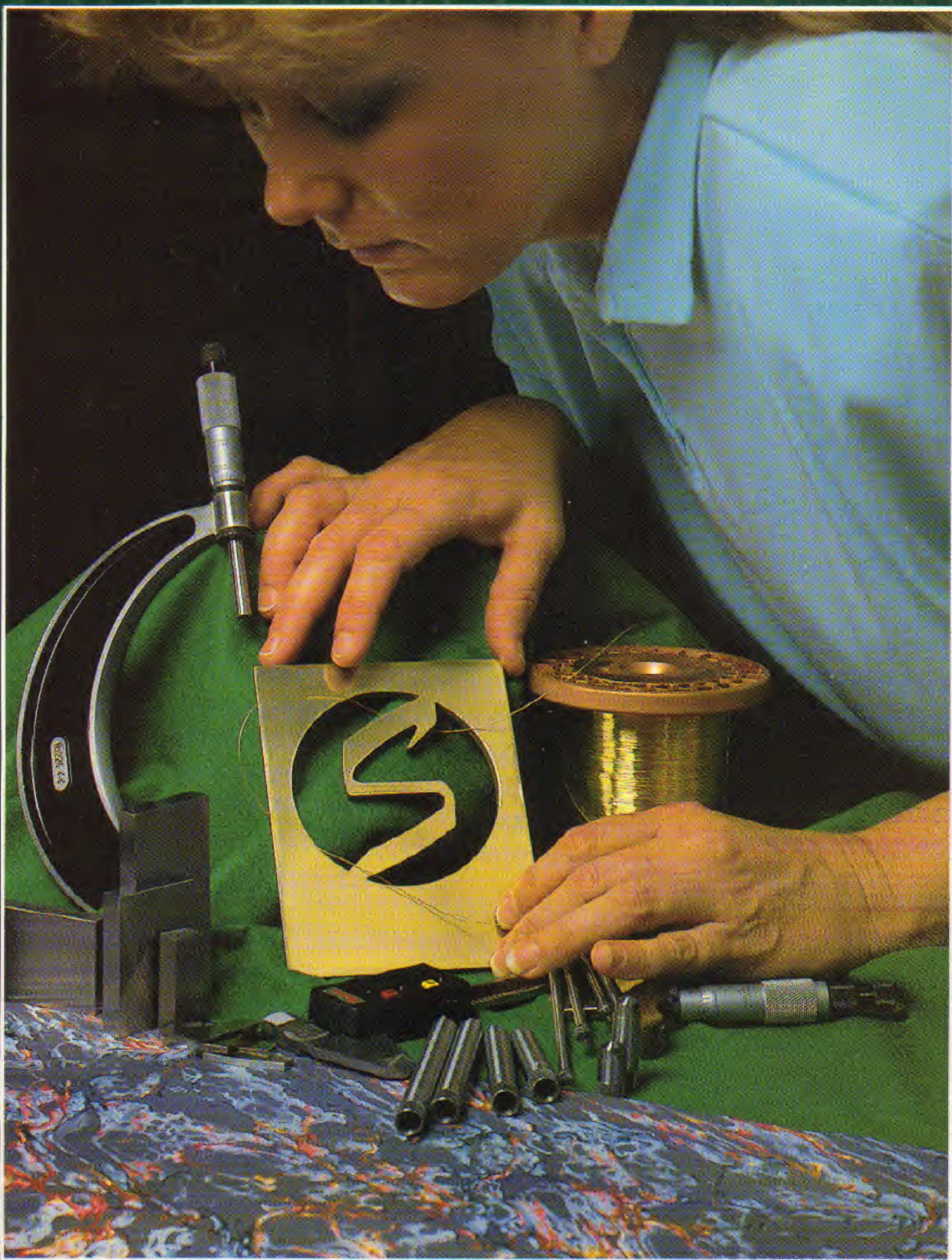
Special scholarships and other forms of financial assistance are available to qualified women in the Machine Technology program.

Requirements: Students in Machine Technology must be high school graduates with a strong math background. To enter the Numerical Control program, a student must complete one year in machine shop training or the equivalent.

To apply for admission to Shelton State's Machine Technology program, contact the Office of Admissions, Fifteenth Street Campus, Shelton State Community College, 1301 15th St. East, or call 759-1541.



Women IN MACHINE TECHNOLOGY



COMPUTER-AIDED MANUFACTURING
SHELTON STATE COMMUNITY COLLEGE

Fifteenth Street Campus
1301 15th Street East
Tuscaloosa, AL 35404

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